Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072519\
Data File : BM021643.D
Acq On : 25 Jul 2019 19:14
Operator : HP/JU
Sample : K3831-03MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Jul 26 01:09:05 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 24 01:21:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	133657	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	604572	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	432619	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.10	188	1041032	20.00	ng/ul	0.00
77) Chrysene-d12	21.29	240	1283116	20.00	ng/ul	0.00
85) Perylene-d12	23.53	264	1316298	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	11344	4.63	ng/uL	0.00
5) Phenol-d5	6.87	99	290612	25.64	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	176379	26.82	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	234019	26.32	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	124012	12.81	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	146554	32.75	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	141818	29.54	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	298819	27.91	ng/ul	0.00
29) 4-Chloroaniline-d4	10.64	131	132113	12.72	ng/ul	0.00
43) Dimethylphthalate-d6	13.76	166	1178148	31.78	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	1335320	29.62	ng/ul	0.00
51) 4-Nitrophenol-d4	14.57	143	66246	10.42	ng/ul	0.00
57) Fluorene-d10	15.34	176	1107533	33.11	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.48	200	36793	5.64	ng/ul	0.00
70) Anthracene-d10	17.20	188	1740932	33.99	ng/ul	0.00
78) Pyrene-d10	19.50	212	2319858	37.05	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.39	264	2336889	33.25	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	6.85	77	42485	8.891	ng/ul#	1
6) Phenol	6.90	94	309058	28.338	ng/ul	97
10) 2-Chlorophenol	7.26	128	246175	28.711	ng/ul	98
14) Acetophenone	8.53	105	15480	1.065	ng/ul#	95
15) N-Nitroso-di-n-propylamine	8.50	70	250718	35.067	ng/ul	99
17) Hexachloroethane	8.79	117	124218	32.535	ng/ul#	1
28) Naphthalene	10.53	128	152639	4.982	ng/ul#	90
32) Caprolactam	11.47	113	6398	2.047	ng/ul#	1
33) 4-Chloro-3-methylphenol	11.78	107	287562	26.934	ng/ul	99
34) 2-Methylnaphthalene	12.15	142	180665	7.626	ng/ul	96
44) Dimethylphthalate	13.81	163	435813	12.247	ng/ul	99
49) Acenaphthene	14.41	153	1048710	35.741	ng/ul	99
52) 4-Nitrophenol	14.59	109	58678	11.683	ng/ul	97
54) 2,4-Dinitrotoluene	14.73	165	384090	38.317	ng/ul#	85
67) Atrazine	16.74	200	16610	1.582	ng/ul#	36
68) Pentachlorophenol	16.74	266	135100	16.657	ng/ul	98
79) Pyrene	19.53	202	3176538	41.560	ng/ul	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072519\
Data File : BM021643.D
Acq On : 25 Jul 2019 19:14
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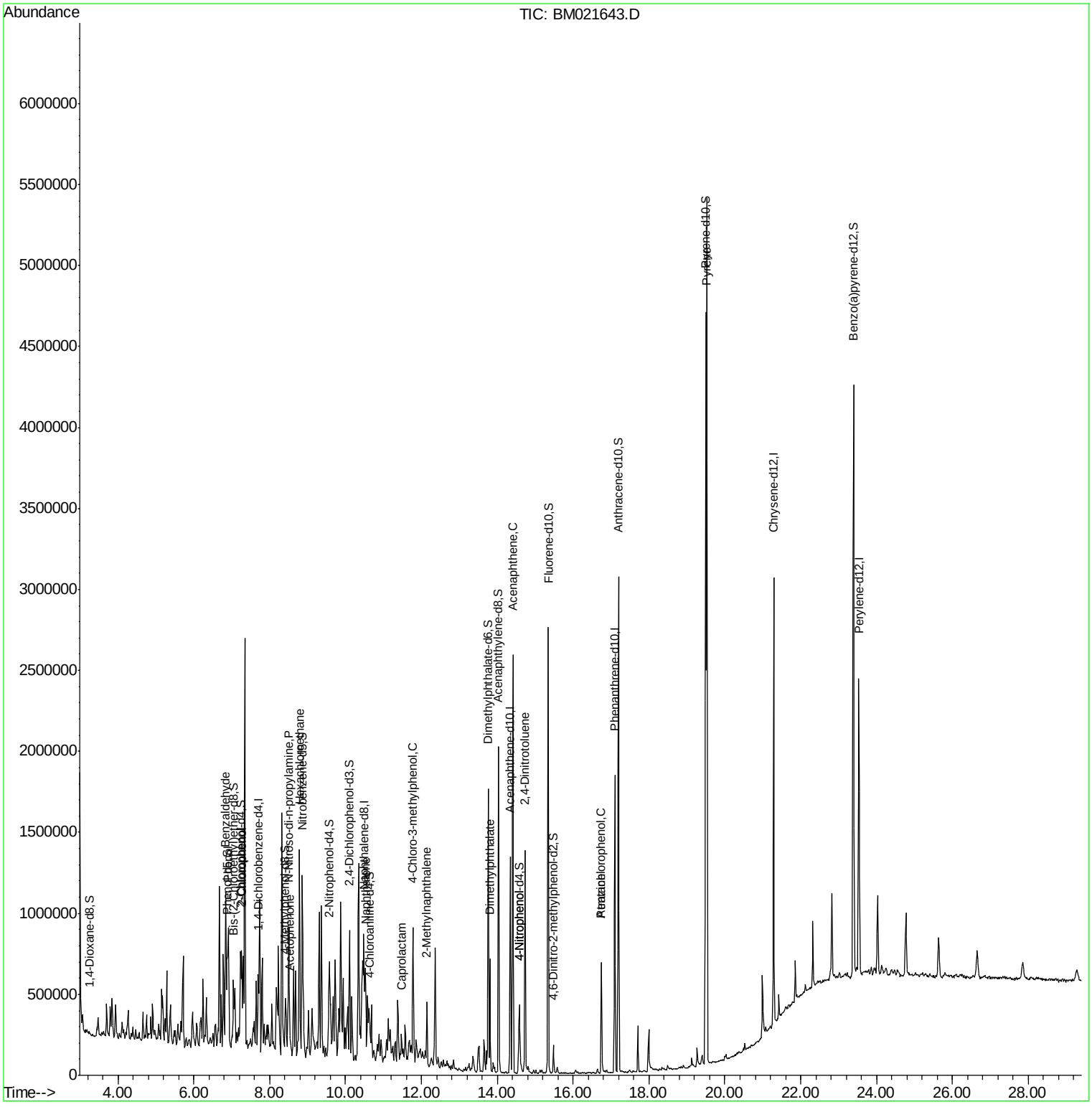
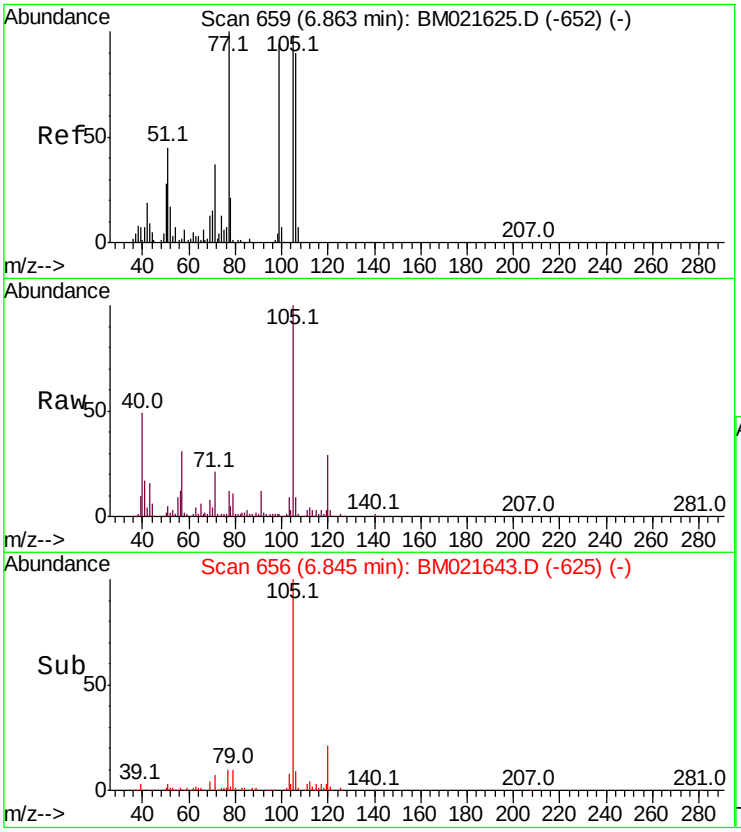
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Jul 26 01:09:05 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 24 01:21:49 2019
Response via : Initial Calibration



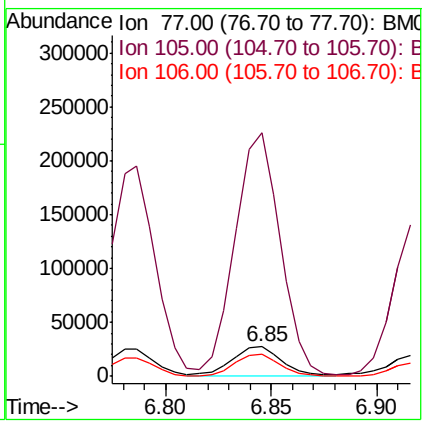


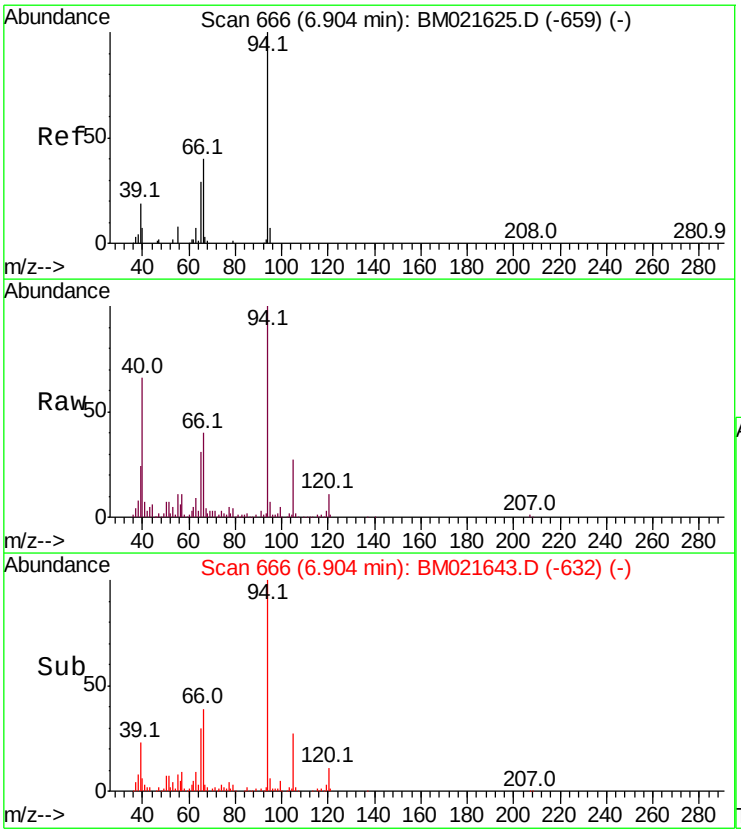
#4
Benzaldehyde
Concen: 8.891 ng/ul
RT: 6.85 min Scan# 656
Delta R.T. -0.02 min
Lab File: BM021643.D
Acq: 25 Jul 2019 19:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 77 Resp: 42485

Ion	Ratio	Lower	Upper
77	100		
105	816.9	75.8	113.8#
106	72.7	70.9	106.3

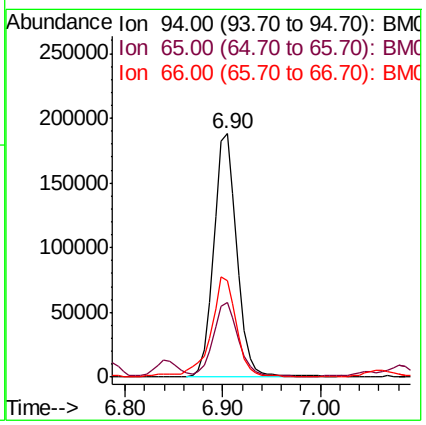


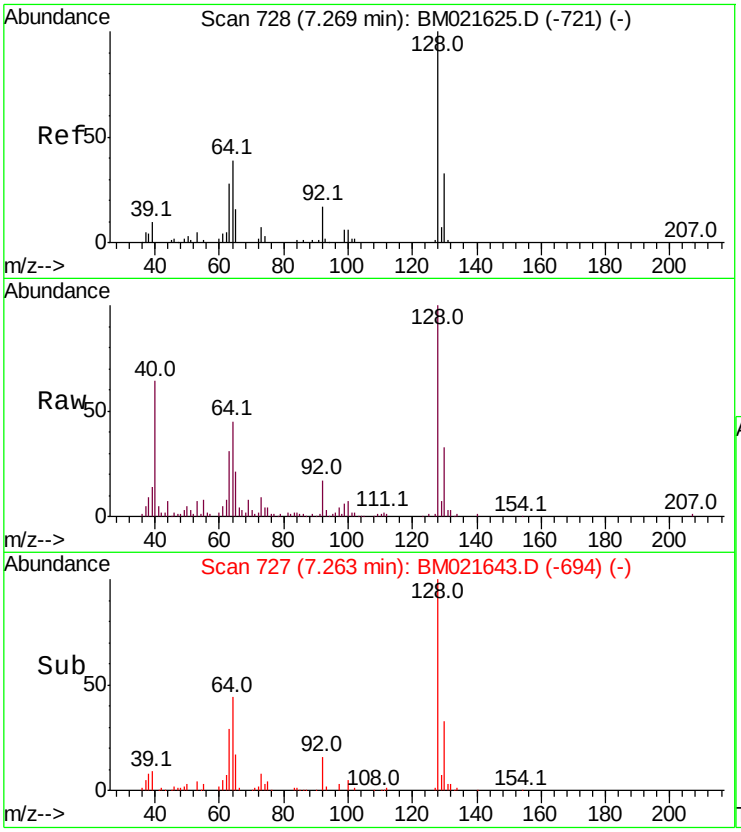


#6
Phenol
Concen: 28.338 ng/ul
RT: 6.90 min Scan# 666
Delta R.T. -0.00 min
Lab File: BM021643.D
Acq: 25 Jul 2019 19:14

Tgt Ion: 94 Resp: 309058

Ion	Ratio	Lower	Upper
94	100		
65	30.7	23.3	34.9
66	39.7	33.2	49.8



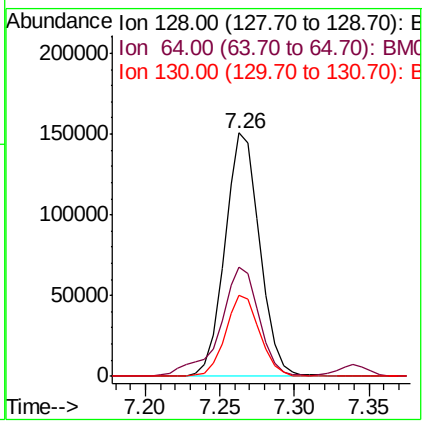


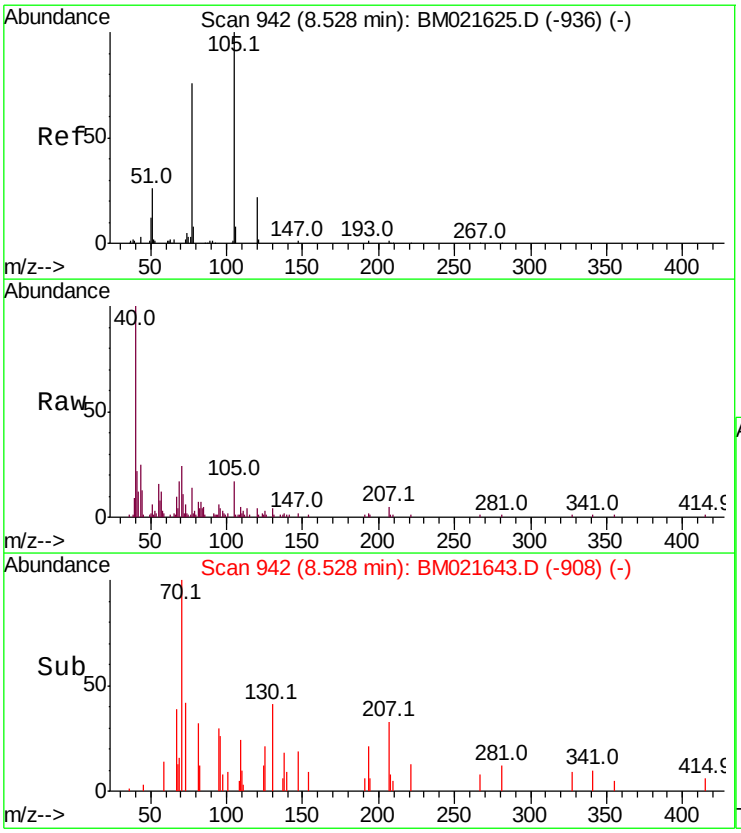
#10
2-Chlorophenol
Concen: 28.711 ng/ul
RT: 7.26 min Scan# 727
Delta R.T. -0.01 min
Lab File: BM021643.D
Acq: 25 Jul 2019 19:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 246175

Ion	Ratio	Lower	Upper
128	100		
64	44.8	35.2	52.8
130	33.1	24.7	37.1

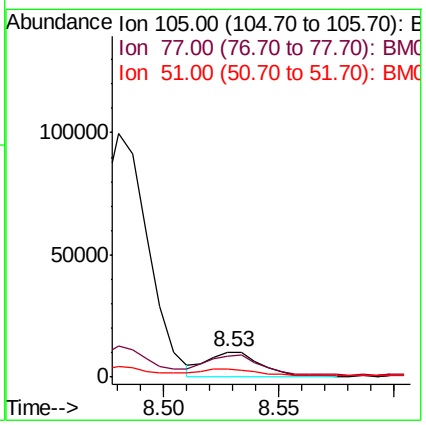


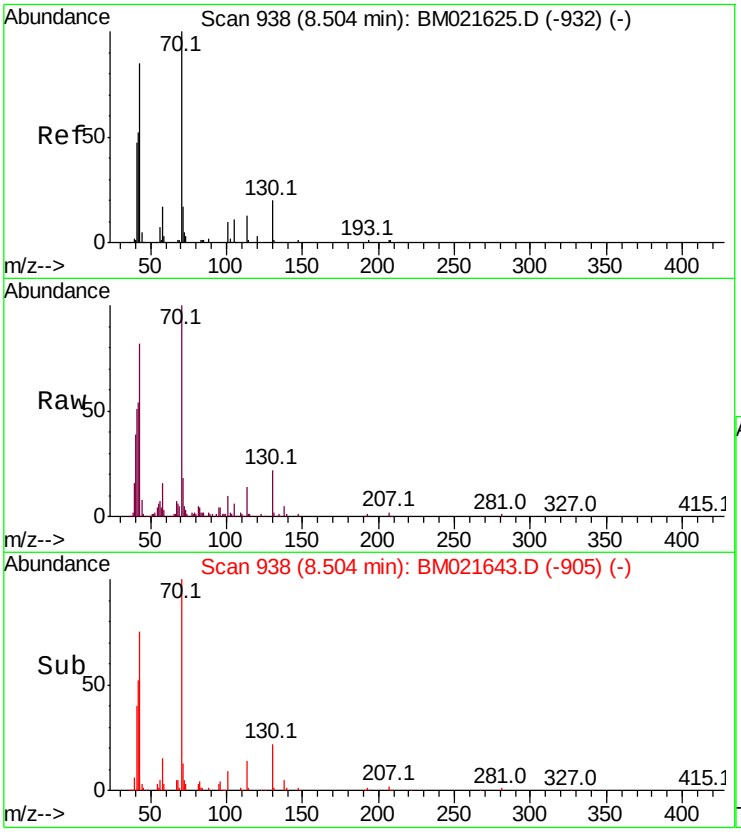


#14
Acetophenone
Concen: 1.065 ng/ul
RT: 8.53 min Scan# 942
Delta R.T. 0.00 min
Lab File: BM021643.D
Acq: 25 Jul 2019 19:14

Tgt Ion:105 Resp: 15480

Ion	Ratio	Lower	Upper
105	100		
77	84.5	66.3	99.5
51	34.1	20.2	30.2#



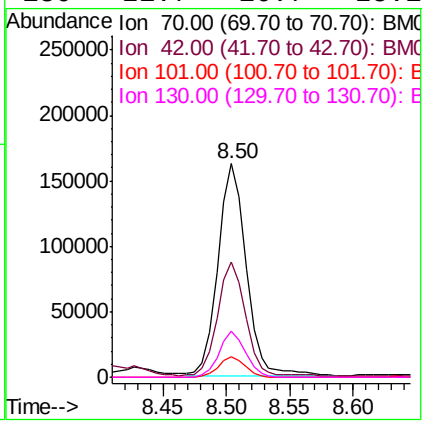


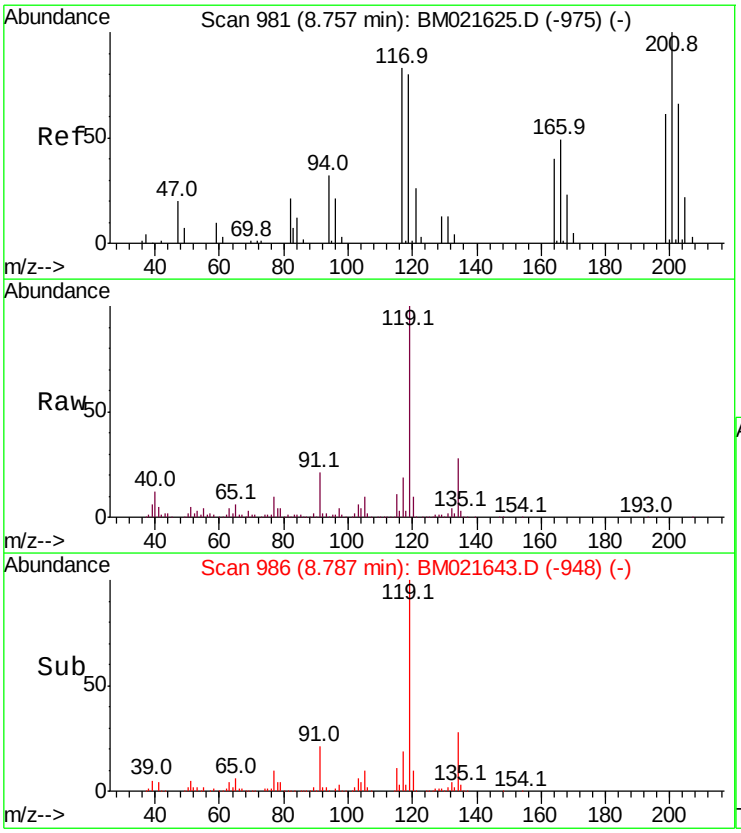
#15
N-Nitroso-di-n-propylamine
Concen: 35.067 ng/ul
RT: 8.50 min Scan# 938
Delta R.T. -0.01 min
Lab File: BM021643.D
Acq: 25 Jul 2019 19:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 70 Resp: 250718

Ion	Ratio	Lower	Upper
70	100		
42	53.8	42.2	63.2
101	9.5	7.6	11.4
130	21.7	16.7	25.1

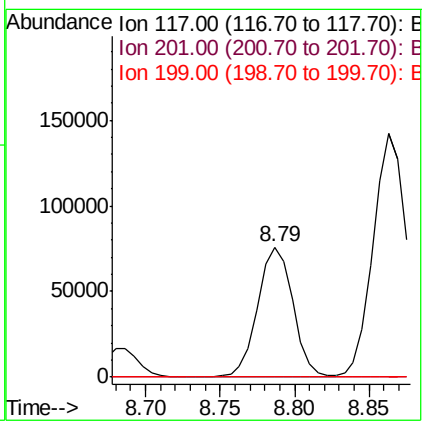


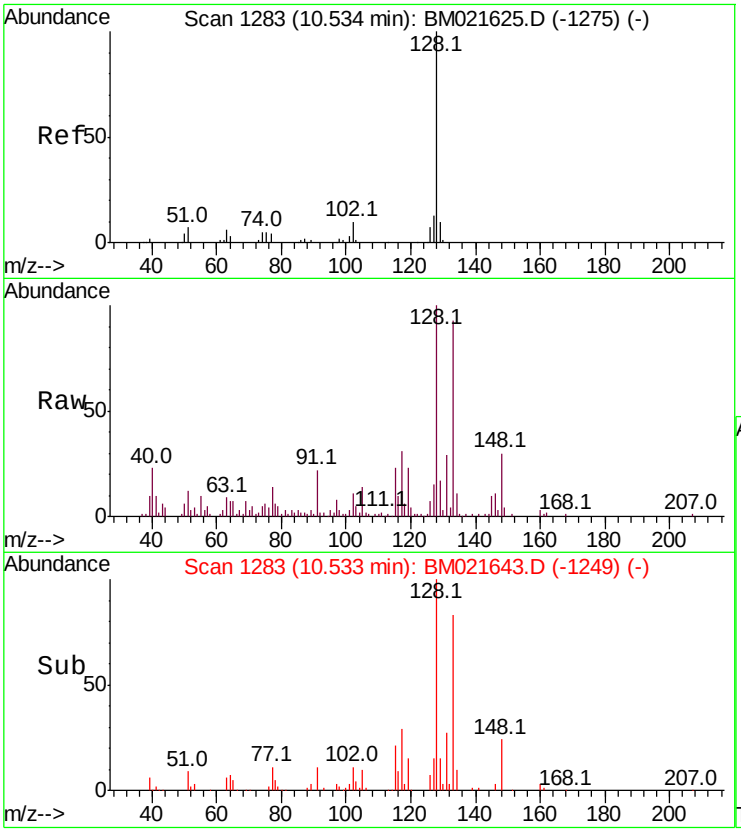


#17
Hexachloroethane
Concen: 32.535 ng/ul
RT: 8.79 min Scan# 986
Delta R.T. 0.02 min
Lab File: BM021643.D
Acq: 25 Jul 2019 19:14

Tgt Ion:117 Resp: 124218

Ion	Ratio	Lower	Upper
117	100		
201	0.0	99.3	148.9#
199	0.0	63.2	94.8#



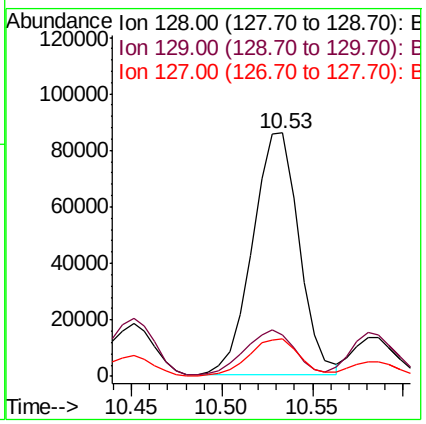


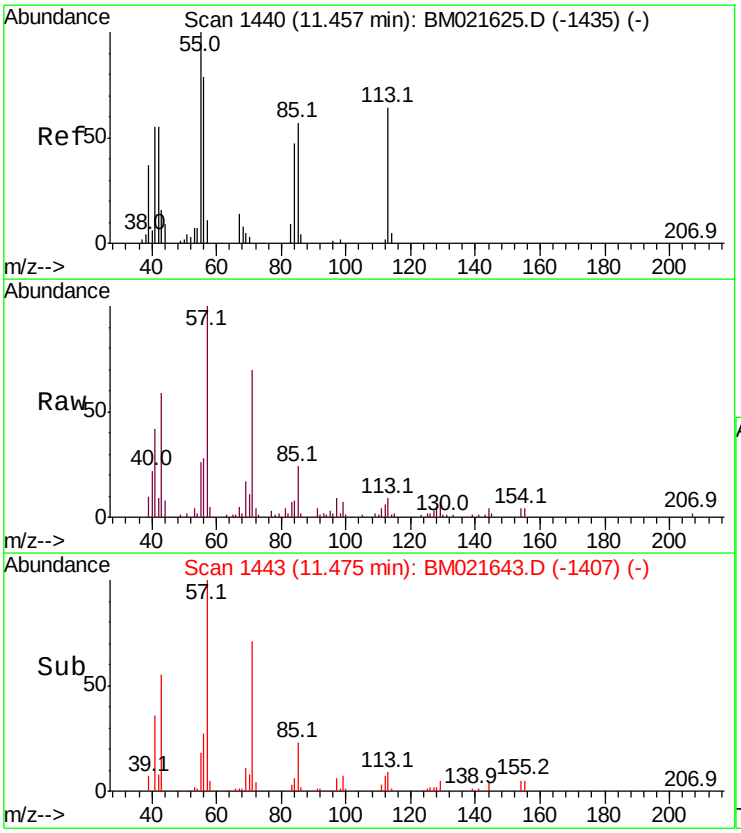
#28
Naphthalene
Concen: 4.982 ng/ul
RT: 10.53 min Scan# 1283
Delta R.T. 0.00 min
Lab File: BM021643.D
Acq: 25 Jul 2019 19:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 152639

Ion	Ratio	Lower	Upper
128	100		
129	17.2	8.9	13.3#
127	15.2	10.8	16.2

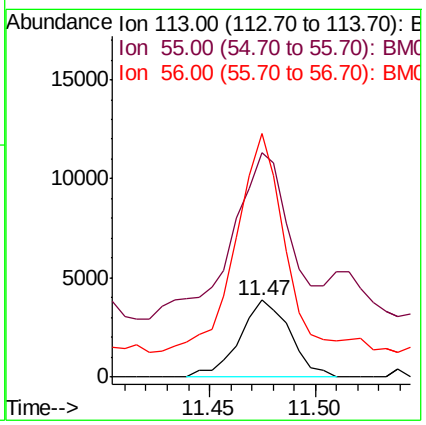


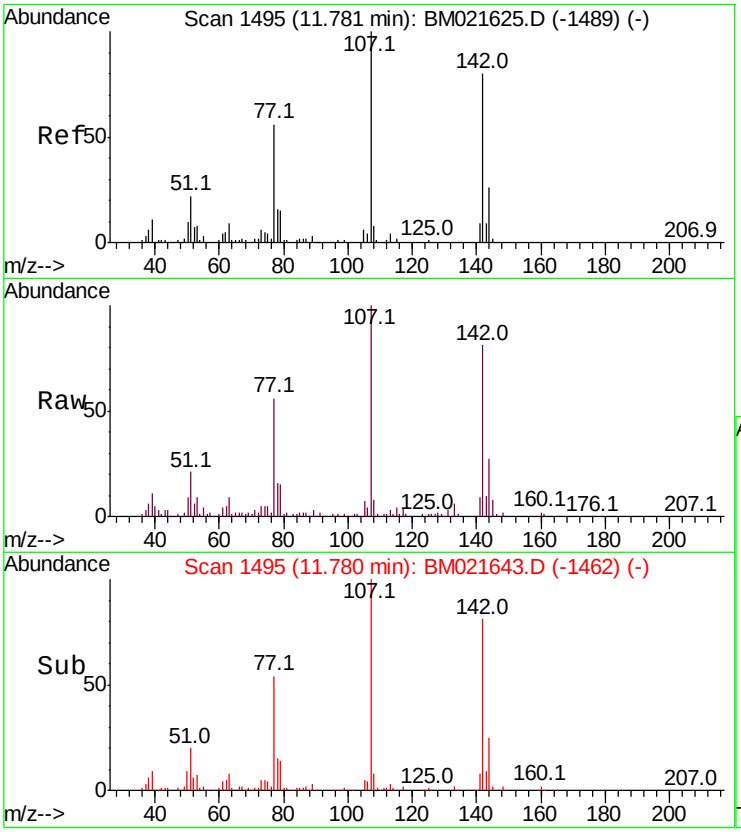


#32
Caprolactam
Concen: 2.047 ng/ul
RT: 11.47 min Scan# 1443
Delta R.T. 0.01 min
Lab File: BM021643.D
Acq: 25 Jul 2019 19:14

Tgt Ion:113 Resp: 6398

Ion	Ratio	Lower	Upper
113	100		
55	291.5	129.6	194.4#
56	315.7	95.5	143.3#



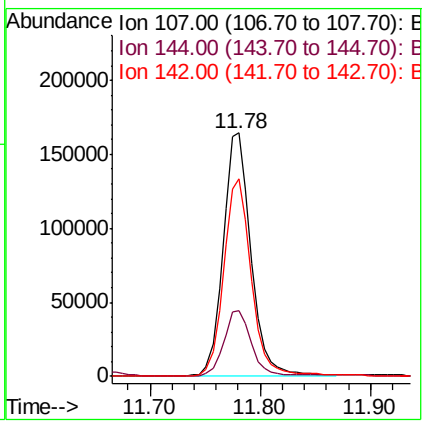


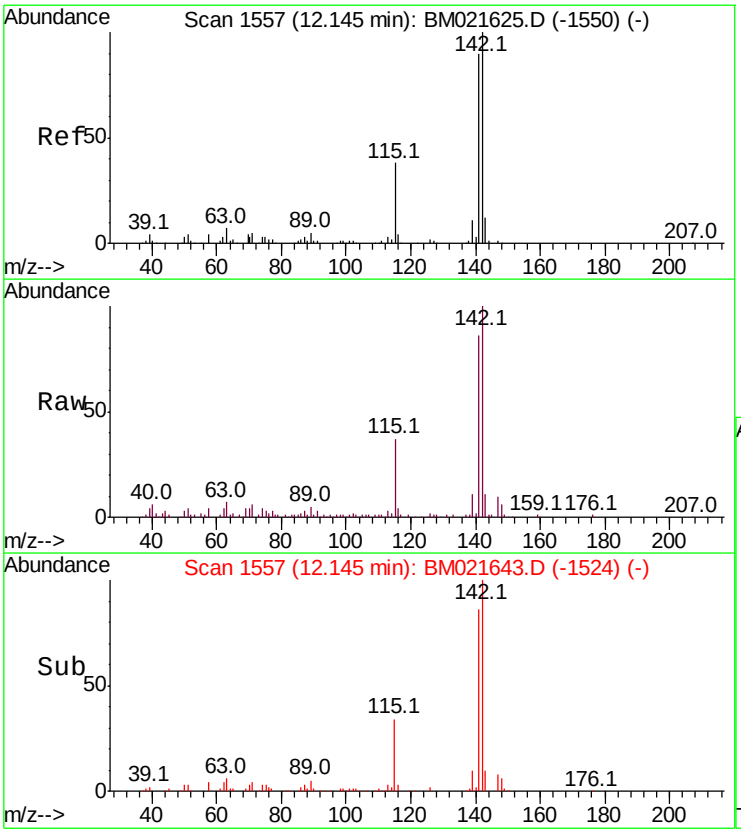
#33
4-Chloro-3-methylphenol
Concen: 26.934 ng/ul
RT: 11.78 min Scan# 1495
Delta R.T. -0.01 min
Lab File: BM021643.D
Acq: 25 Jul 2019 19:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:107 Resp: 287562

Ion	Ratio	Lower	Upper
107	100		
144	26.9	21.0	31.4
142	81.0	64.4	96.6

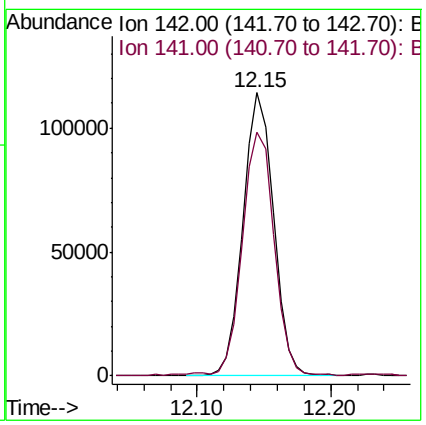


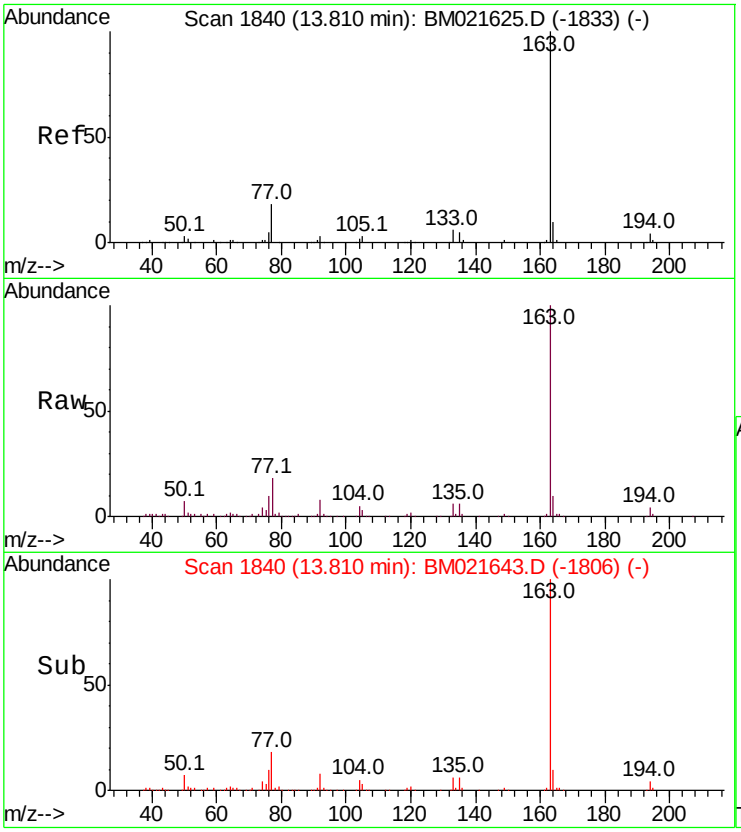


#34
2-Methylnaphthalene
Concen: 7.626 ng/ul
RT: 12.15 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BM021643.D
Acq: 25 Jul 2019 19:14

Tgt Ion:142 Resp: 180665

Ion	Ratio	Lower	Upper
142	100		
141	86.1	72.2	108.4



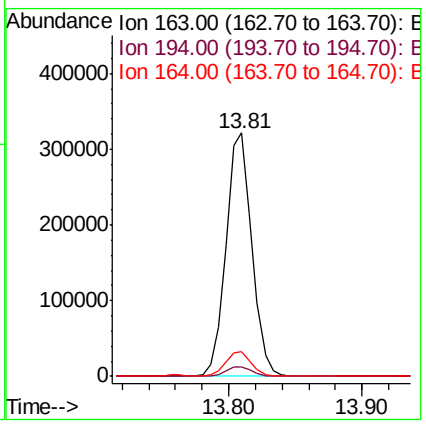


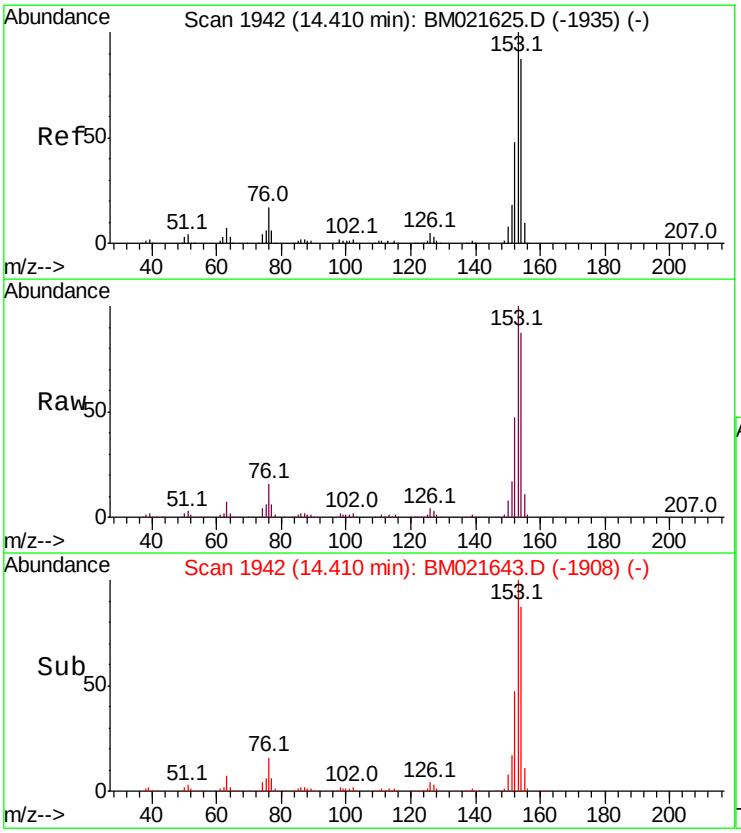
#44
Dimethylphthalate
Concen: 12.247 ng/ul
RT: 13.81 min Scan# 1840
Delta R.T. -0.00 min
Lab File: BM021643.D
Acq: 25 Jul 2019 19:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:163 Resp: 435813

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.2	4.8
164	10.0	8.2	12.4

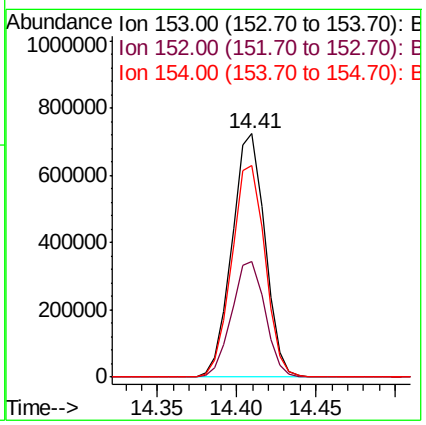


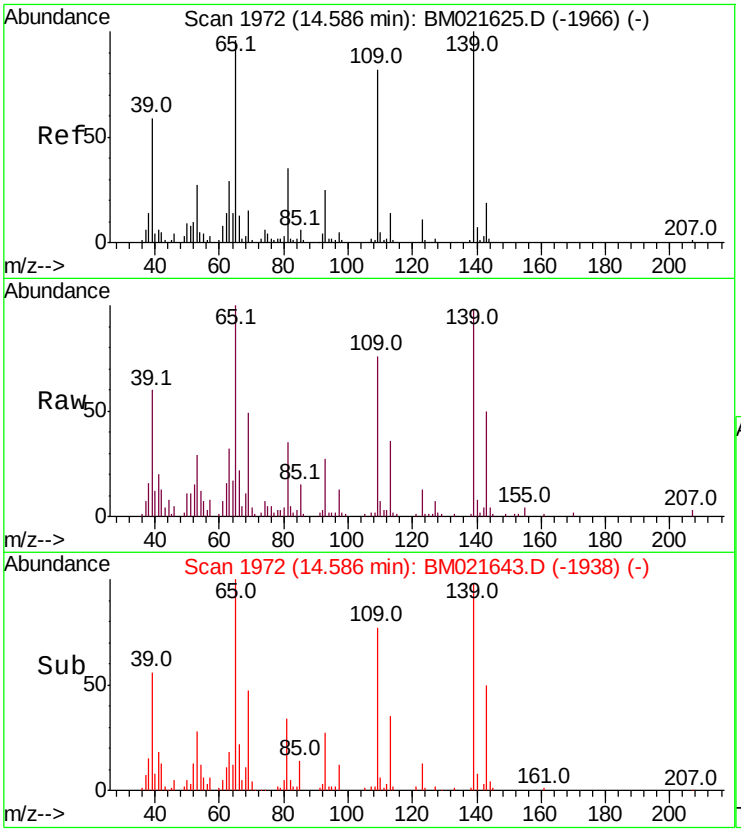


#49
Acenaphthene
Concen: 35.741 ng/ul
RT: 14.41 min Scan# 1942
Delta R.T. -0.00 min
Lab File: BM021643.D
Acq: 25 Jul 2019 19:14

Tgt Ion:153 Resp: 1048710

Ion	Ratio	Lower	Upper
153	100		
152	47.4	38.6	57.8
154	87.1	69.0	103.4



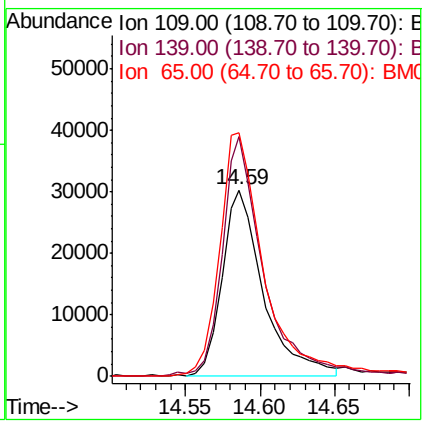


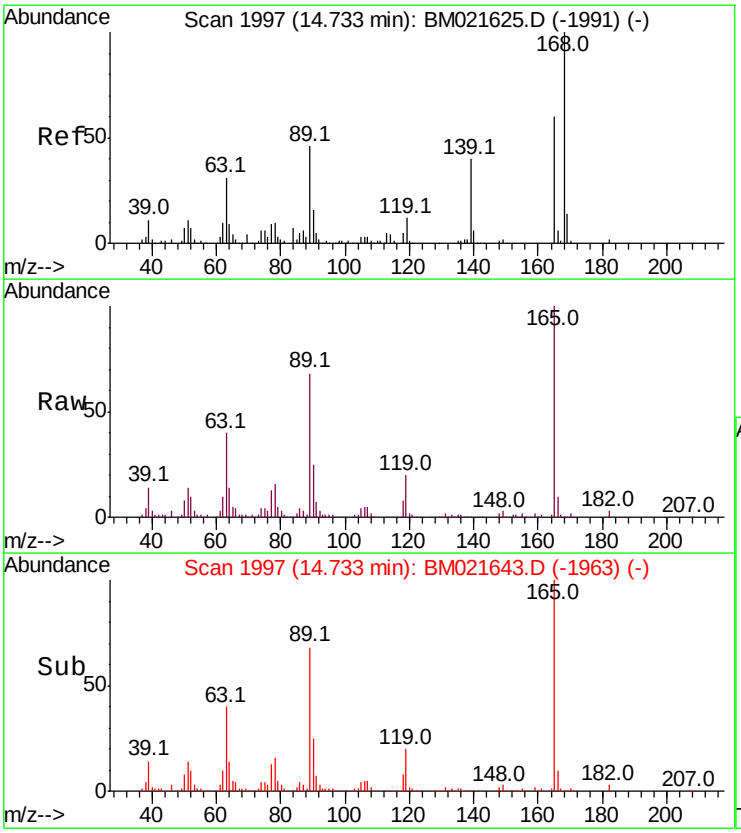
#52
4-Nitrophenol
Concen: 11.683 ng/ul
RT: 14.59 min Scan# 1972
Delta R.T. 0.00 min
Lab File: BM021643.D
Acq: 25 Jul 2019 19:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:109 Resp: 58678

Ion	Ratio	Lower	Upper
109	100		
139	128.7	98.8	148.2
65	130.7	105.1	157.7

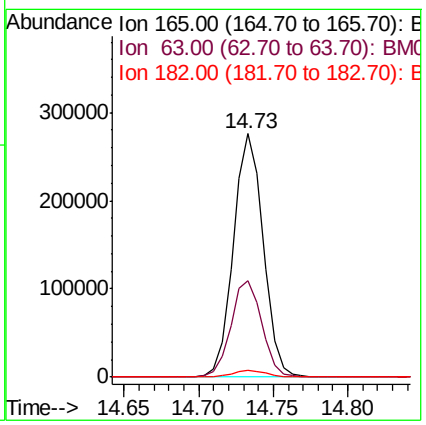


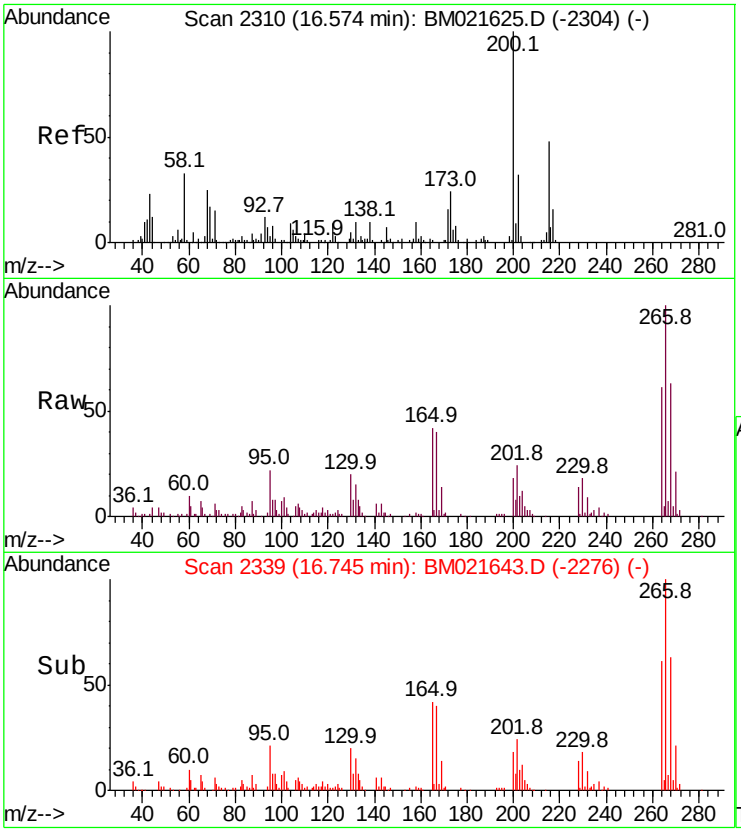


#54
2,4-Dinitrotoluene
Concen: 38.317 ng/ul
RT: 14.73 min Scan# 1997
Delta R.T. 0.00 min
Lab File: BM021643.D
Acq: 25 Jul 2019 19:14

Tgt Ion:165 Resp: 384090

Ion	Ratio	Lower	Upper
165	100		
63	39.8	40.4	60.6#
182	2.8	2.2	3.2



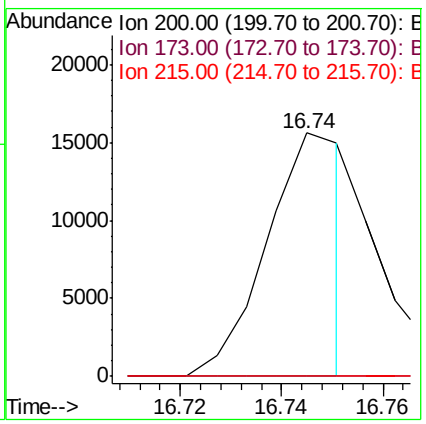


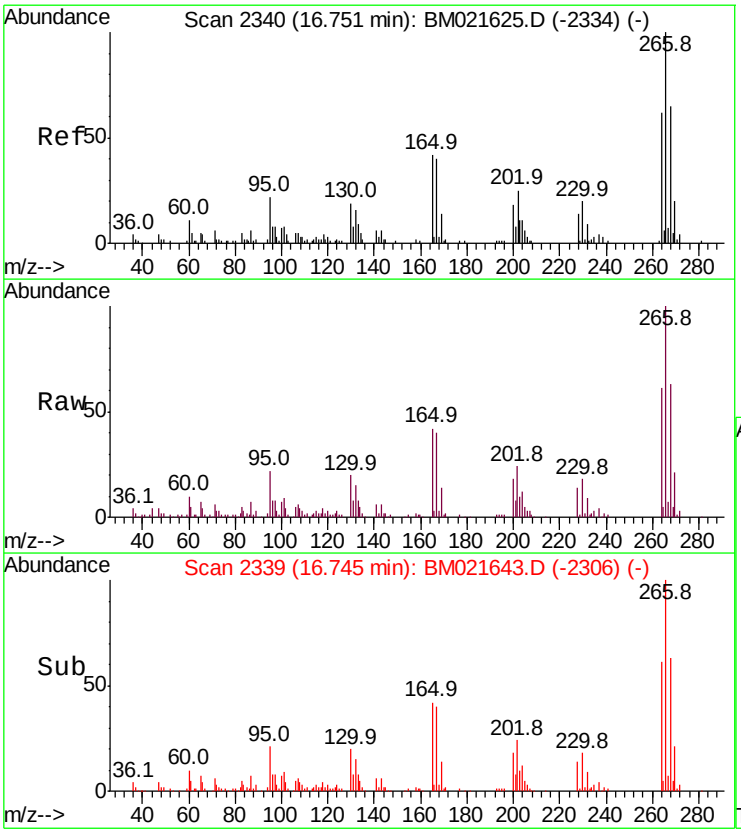
#67
Atrazine
Concen: 1.582 ng/ul
RT: 16.74 min Scan# 2339
Delta R.T. 0.17 min
Lab File: BM021643.D
Acq: 25 Jul 2019 19:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:200 Resp: 16610

Ion	Ratio	Lower	Upper
200	100		
173	0.0	19.8	29.8#
215	0.0	38.8	58.2#

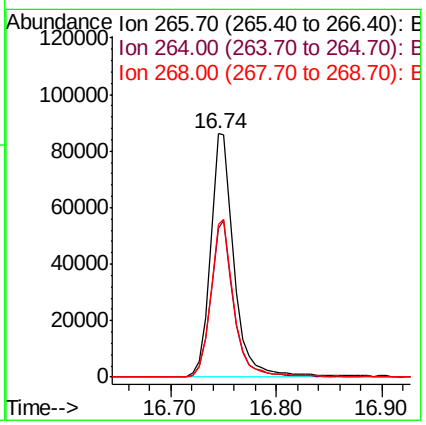


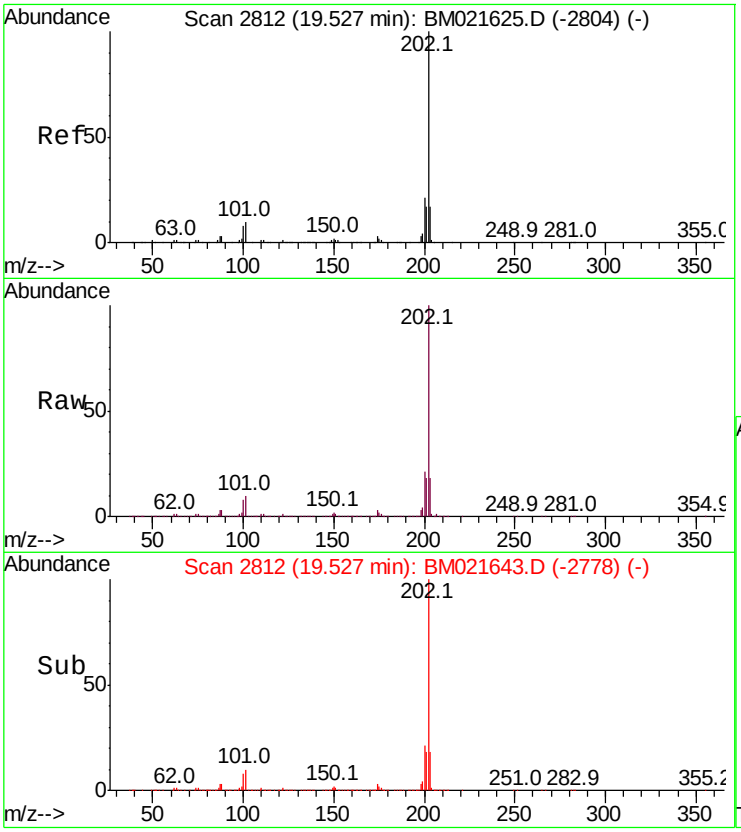


#68
Pentachlorophenol
Concen: 16.657 ng/ul
RT: 16.74 min Scan# 2339
Delta R.T. -0.01 min
Lab File: BM021643.D
Acq: 25 Jul 2019 19:14

Tgt Ion:266 Resp: 135100

Ion	Ratio	Lower	Upper
266	100		
264	61.3	50.9	76.3
268	63.0	49.7	74.5





#79
Pyrene
Concen: 41.560 ng/ul
RT: 19.53 min Scan# 2812
Delta R.T. 0.00 min
Lab File: BM021643.D
Acq: 25 Jul 2019 19:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 3176538

Ion	Ratio	Lower	Upper
202	100		
101	10.0	8.6	13.0
100	8.3	7.1	10.7